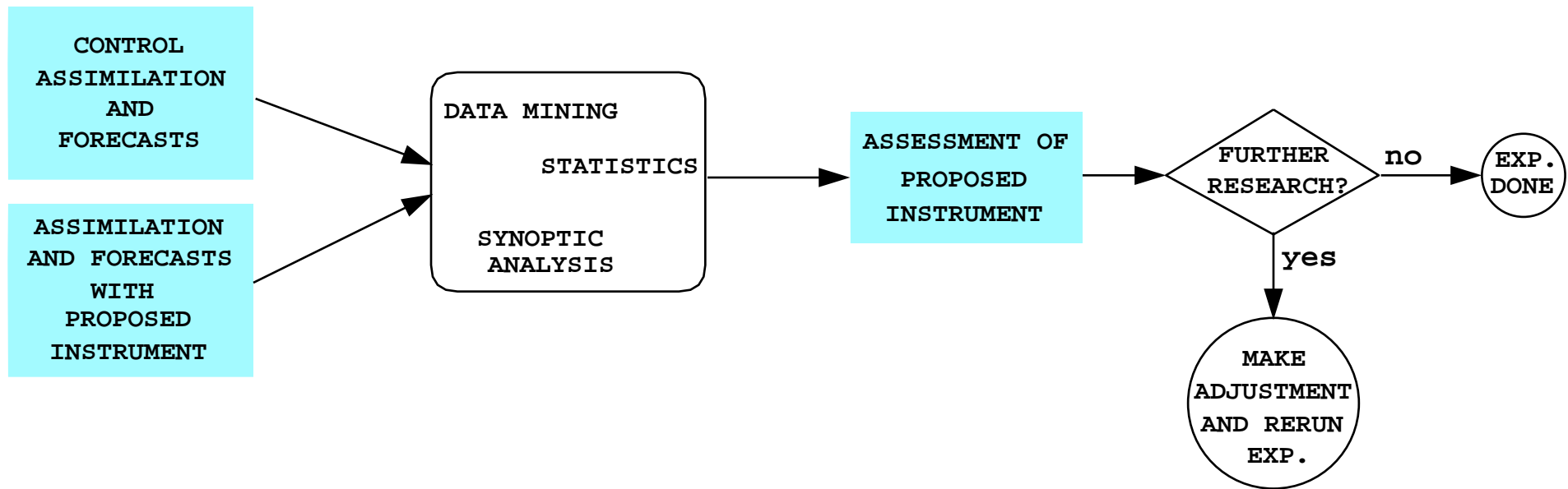


# Evaluation of Assimilation and Forecasts



1. The assimilation and forecasts from the Control experiment and from an experiment using observations from one or more proposed instruments are inputs to the evaluation process.
2. Data mining tools, statistical software and human-performed analyses are utilized to assess the impact of the simulated observations from the proposed instrument on both the assimilation and the forecasts. The Nature Run provides the verification.
3. If further research is deemed necessary, then modification to the simulated data or to the use of the simulated data is made. The experiment is then rerun in whole or in part.